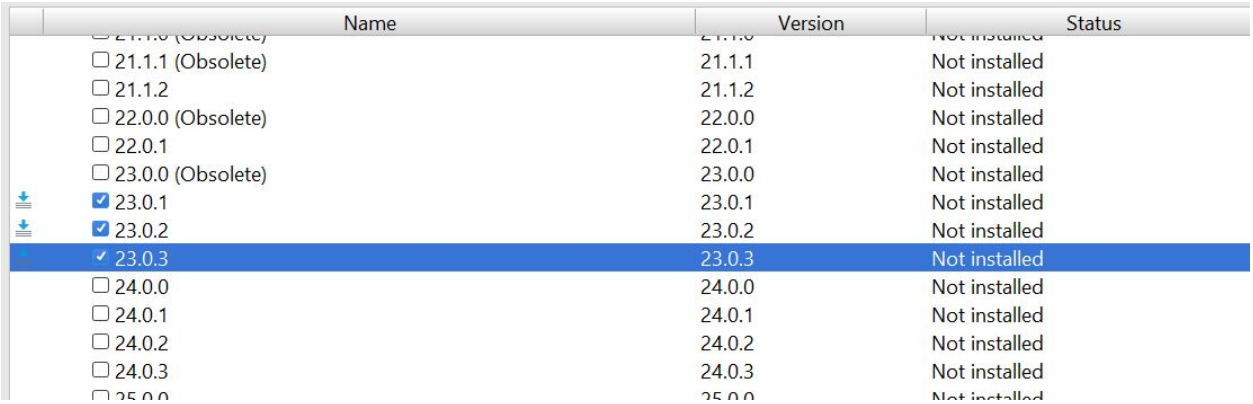
Windows Installation SDK:

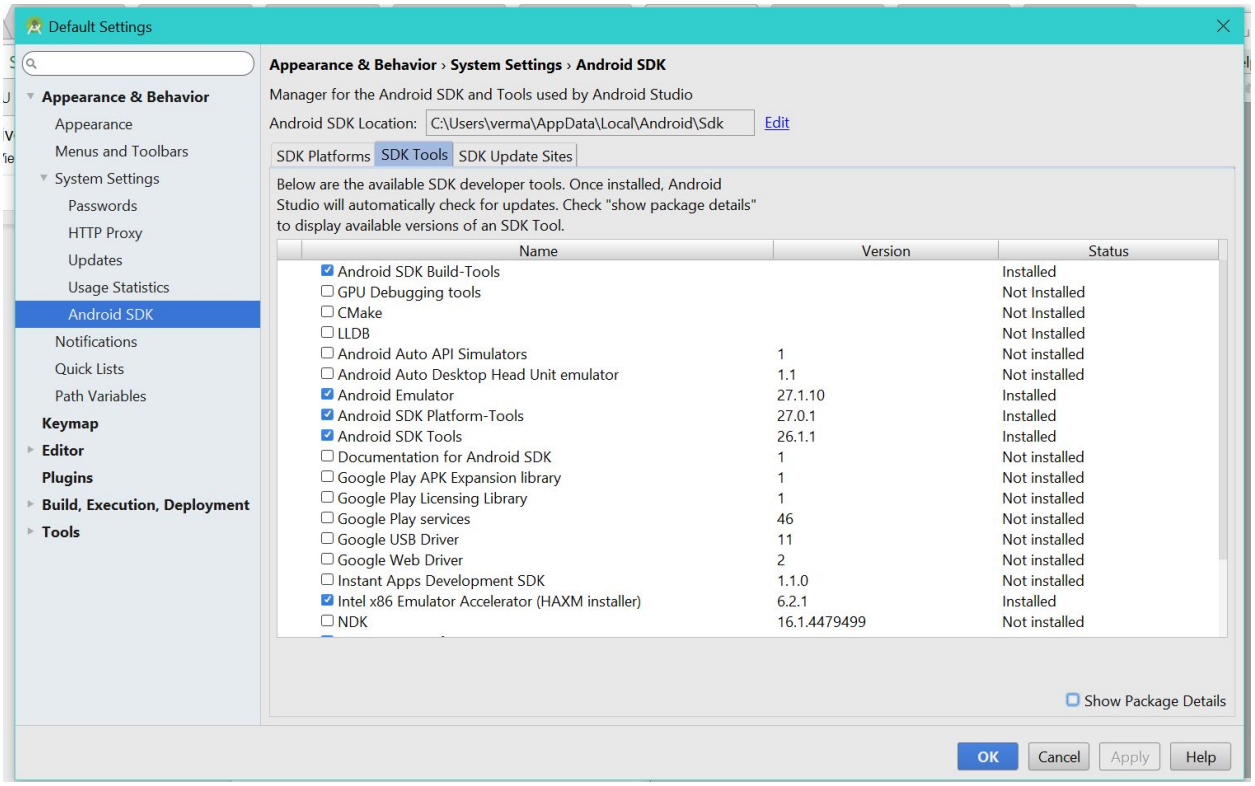
1. Make sure Java is Installed.
2. Download and Install [Android Studio]

3. Install SDK,HAXM, Build Tools and System Images

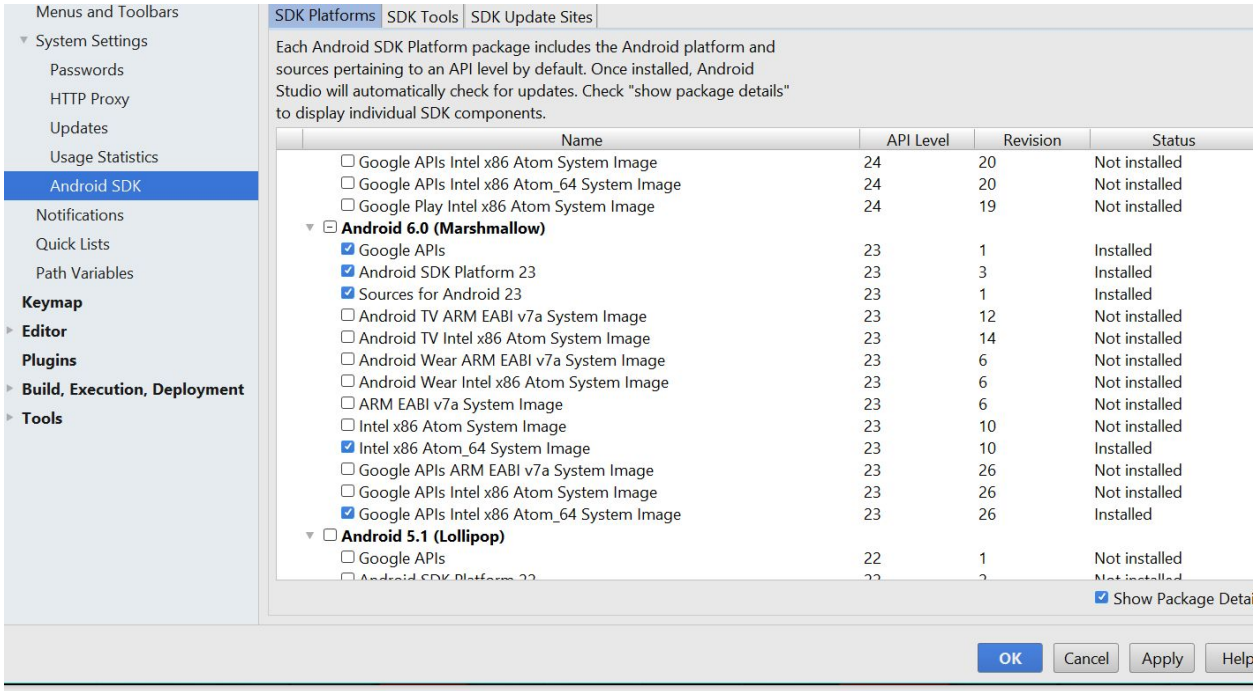
BUILD TOOLS:



SDK PLATFORM TOOLS, ANDROID EMULATOR, ANDROID SDK TOOLS & HAXM Installer

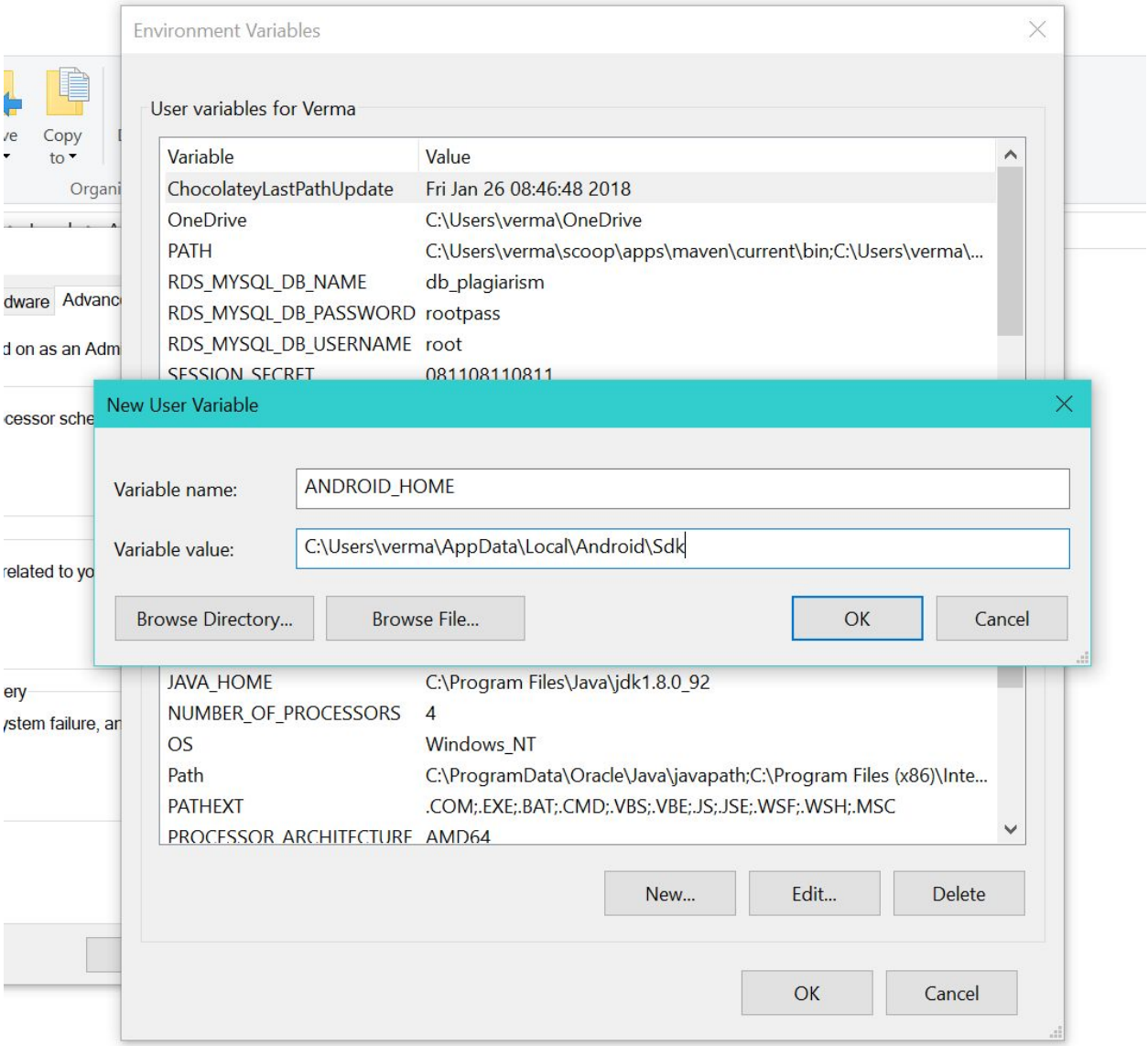


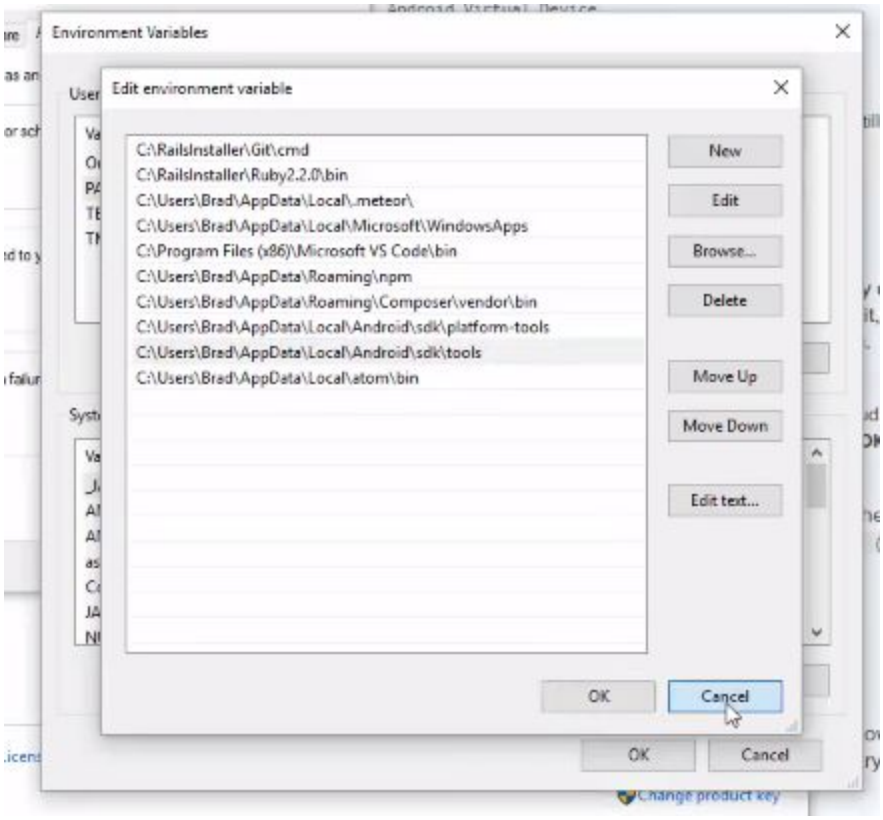
SYSTEM IMAGE:



4. Edit Path Variables.

ANDROID **SDK TOOLS** , **ANDROID TOOLS** & **PLATFORM TOOLS**


Environment Variables
User variables for Verma
Variable
Value
ChocolateyLastPathUpdate
Fri Jan 26 08:46:48 2018
OneDrive
C:\Users\verma\OneDrive
PATH
C:\Users\verma\scoop\apps\maven\current\bin;C:\Users\verma\...
RDS_MYSQL_DB_NAME
db_plagiarism
RDS_MYSQL_DB_PASSWORD
rootpass
RDS_MYSQL_DB_USERNAME
root
SESSION_SECRET
081108110811
New User Variable
Variable name:
ANDROID_HOME
Variable value:
C:\Users\verma\AppData\Local\Android\Sdk
Browse Directory...
Browse File...
OK
Cancel
JAVA_HOME
C:\Program Files\Java\jdk1.8.0_92
NUMBER_OF_PROCESSORS
4
OS
Windows_NT
Path
C:\ProgramData\Oracle\Java\javapath;C:\Program Files (x86)\Inte...
PATHEXT
.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PROCESSOR_ARCHITECTURE
AMD64
New...
Edit...
Delete
OK
Cancel



5. Create Android Virtual Device

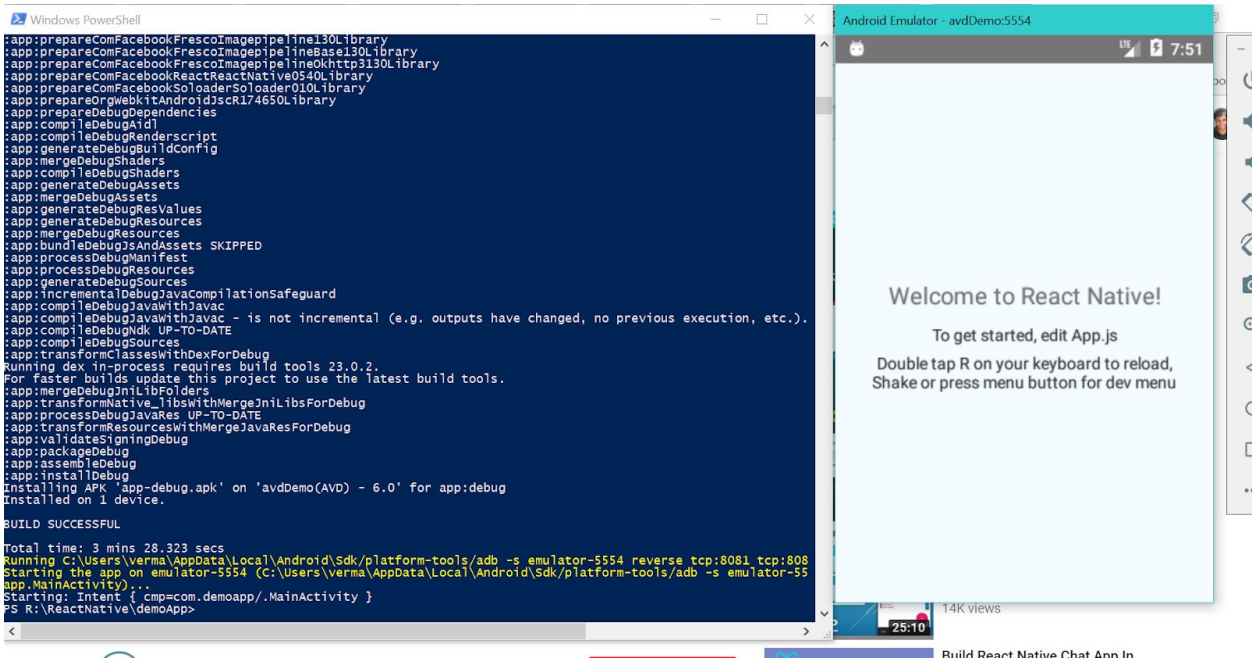
avdmanager create avd --name 'avd-Demo-name' -k 'system-images;android-23;google_apis;x86_64'

6. In case you get HAXM errors like this **l a.**

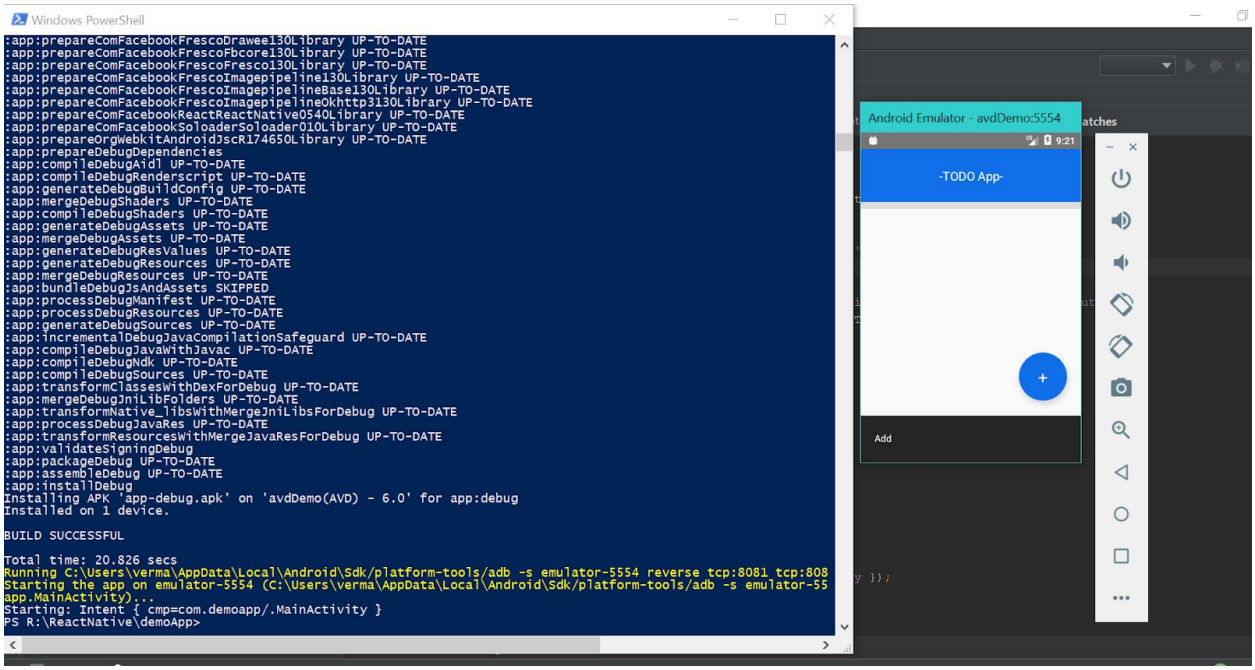
Run Demo React App:

1. 'npm install -g react-native-cli' for installing the native react application package cli
2. 'npm install -g yarn' which will be used for starting react-native application
3. 'react-native init demo-app-name' for creating the demo React-Native application from command line.
4. 'react-native start' to start the React packager
5. emulator -avd 'avd-name' to run the emulator created earlier
6. 'react-native run-android' to run into Emulator

After this you will something like this



7. After Cloning the seed application you will get this specific Application



ERRORS

I a.

emulator: WARNING: cannot read adb public key file:
C:\Users*username*\.android\adbkey.pub
emulator: ERROR: Missing initial data partition file:
C:\Users*username*\.android\avd\avdDemo.avd/userdata.img
emulator: ERROR: x86_64 emulation currently requires hardware acceleration!
Please ensure Intel HAXM is properly installed and usable.

THEN

1) Open SDK Manager (In Android Studio, go to Tools > Android > SDK Manager) and Download Intel x86 Emulator Accelerator (HAXM installer) if you haven't.
2) Now go to your SDK directory `C:\users\%USERNAME%\AppData\Local\Android\sdk\extras\intel\Hardware_Accelerated_Execution_Manager\` and run the file named `intelhaxm-android.exe`.

In case you get an error like "Intel virtualization technology (vt,vt-x) is not enabled". Go to your BIOS settings and enable Hardware Virtualization.

3) Restart Android Studio and then try to start the AVD again.

It might take a minute or 2 to show the emulator window.